

Figure 1
Typical media server

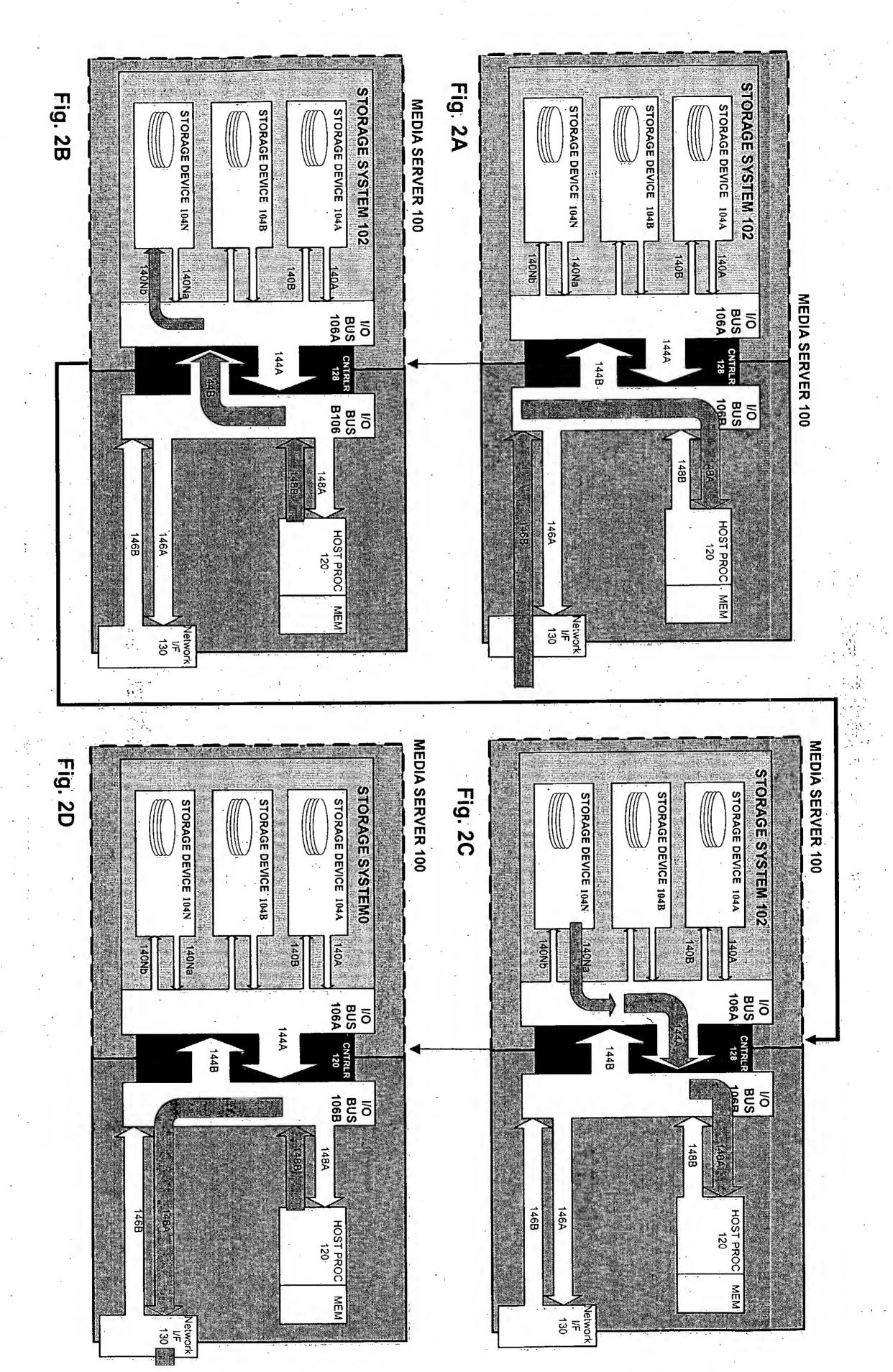


Figure 2 Prior Art: Typical Digital Media Server

MEDIA SERVER 100

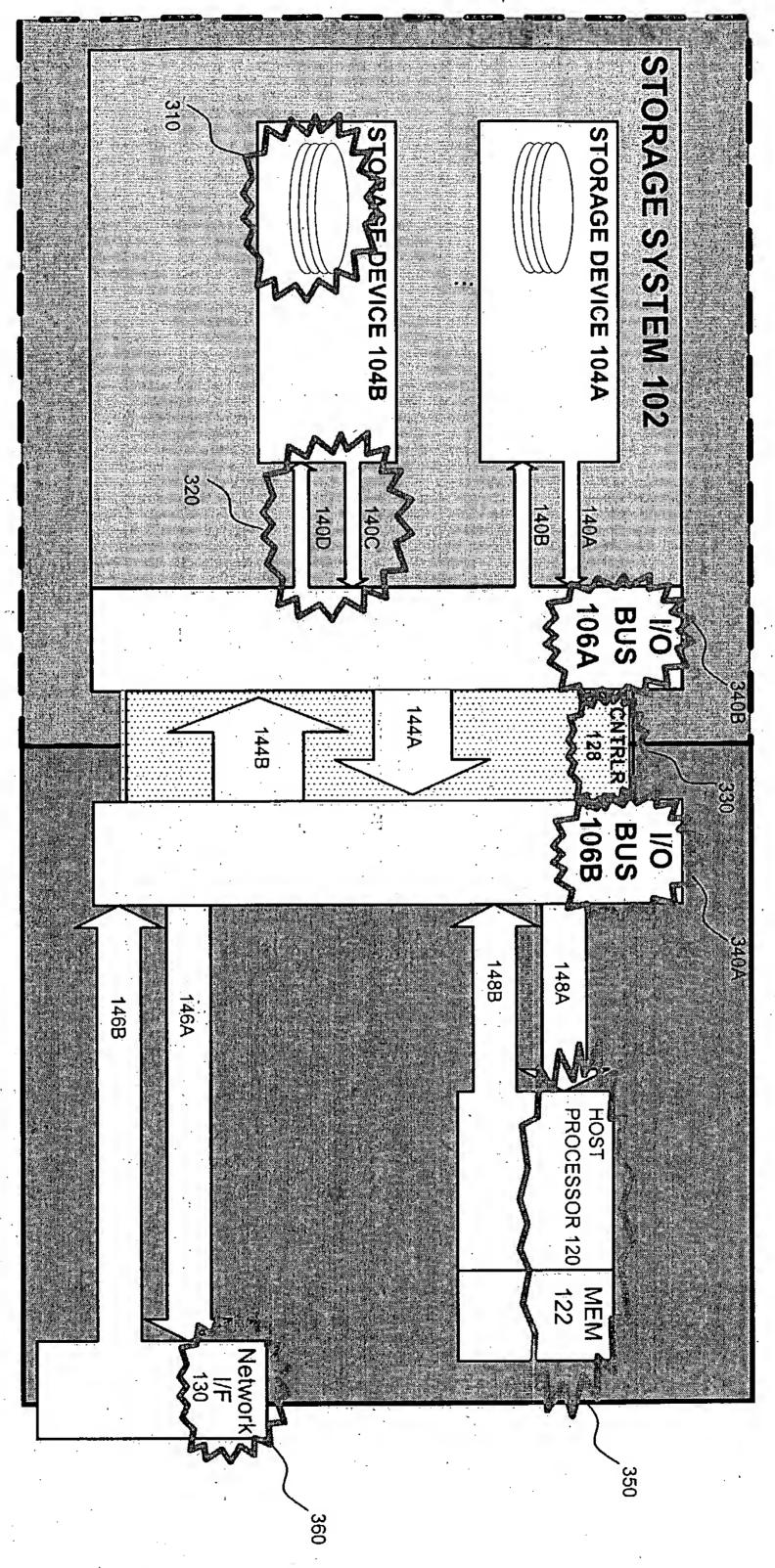


Figure 3 Potential Bottlenecks In a Typical Media Server

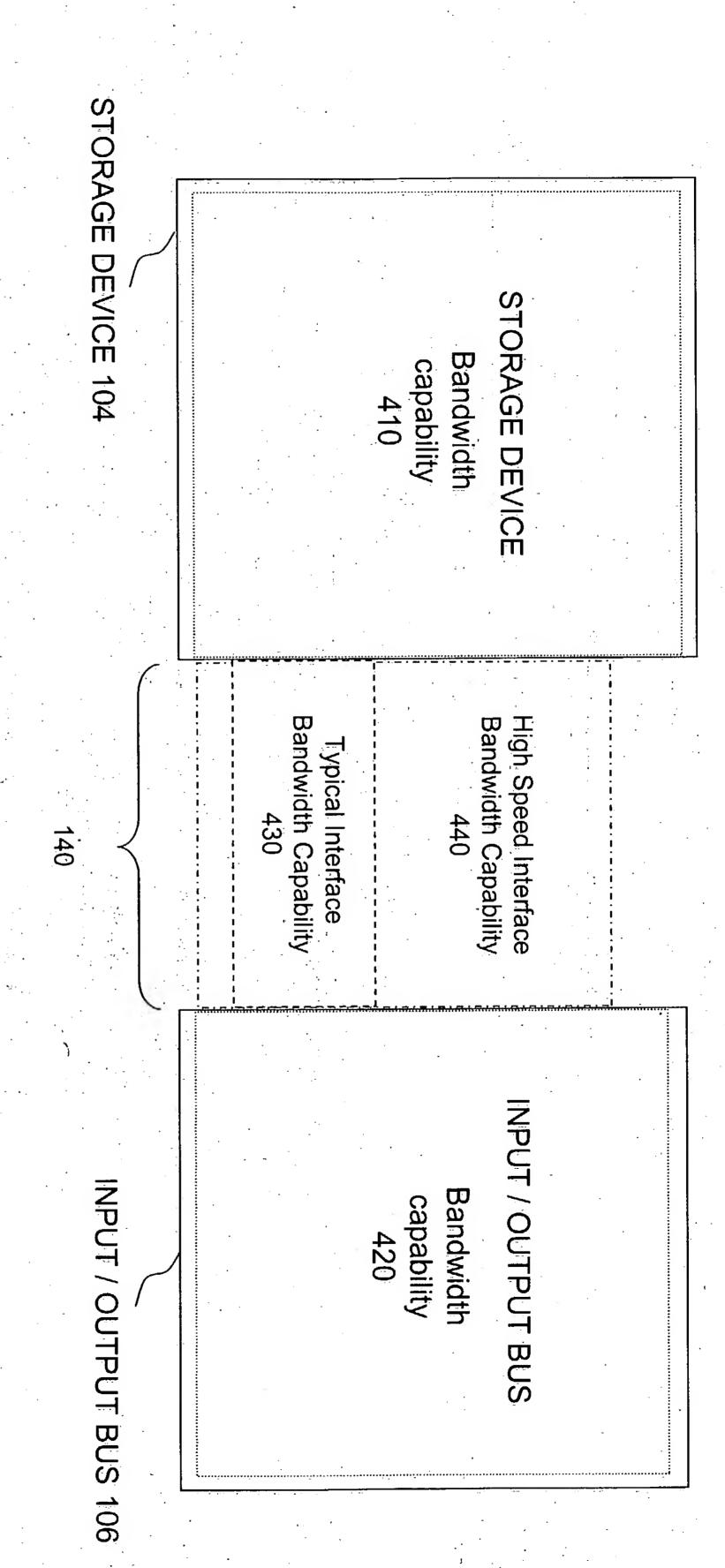


Figure 4 INPUT/OUTPUT BUS THROTTLE

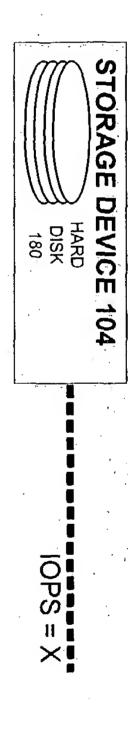


Figure 5A - Typical Input / Output Operations per Second

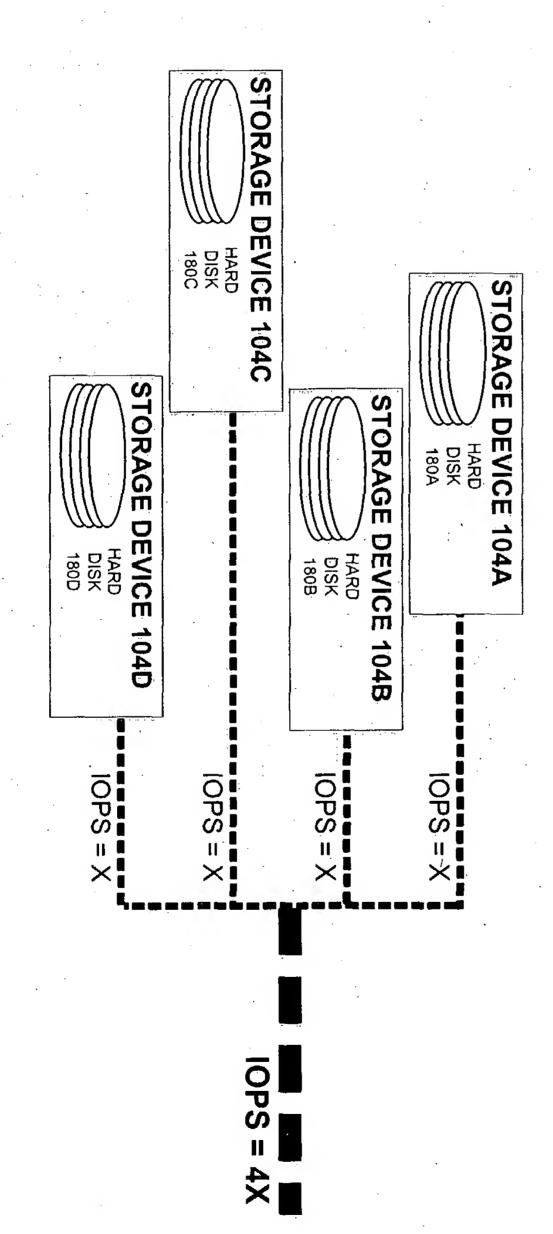


Figure 5B - RAID Input / Output Operations per Second

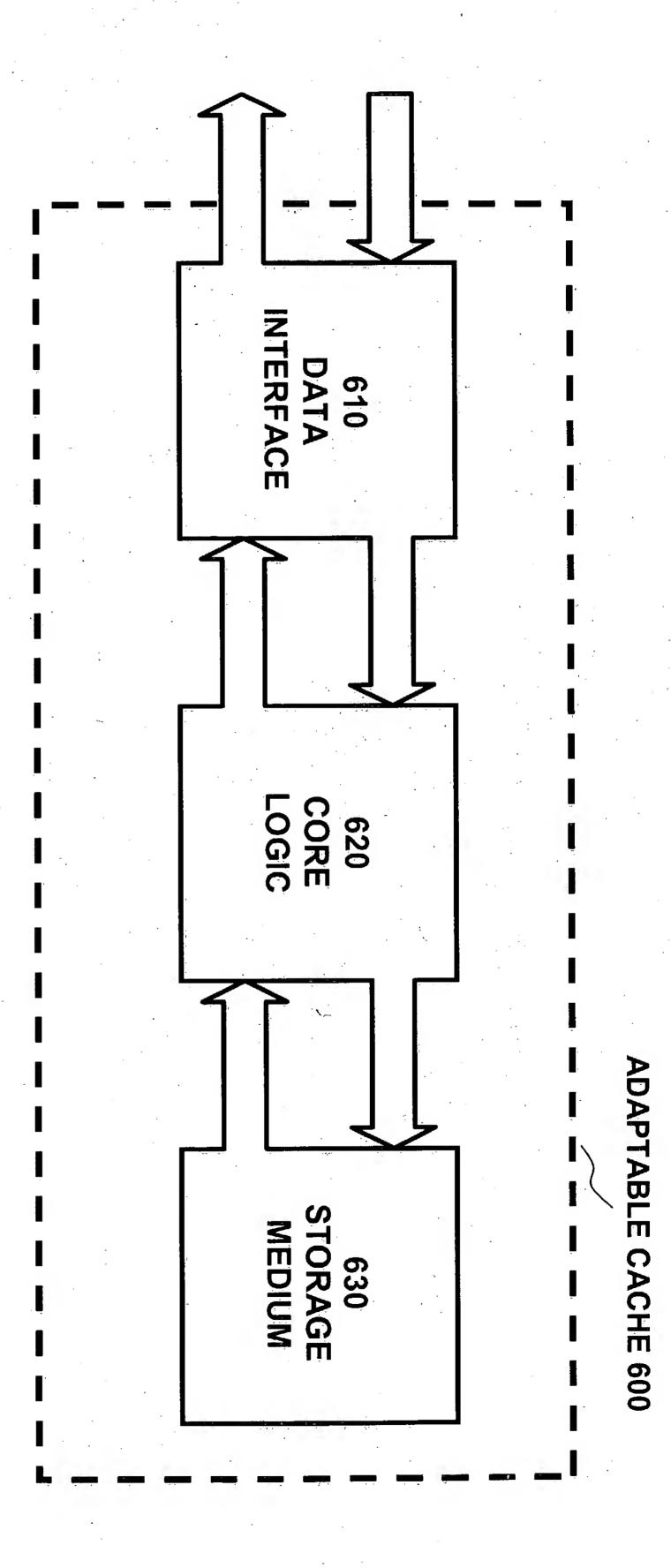


Figure 6A - Conceptual components of Invention

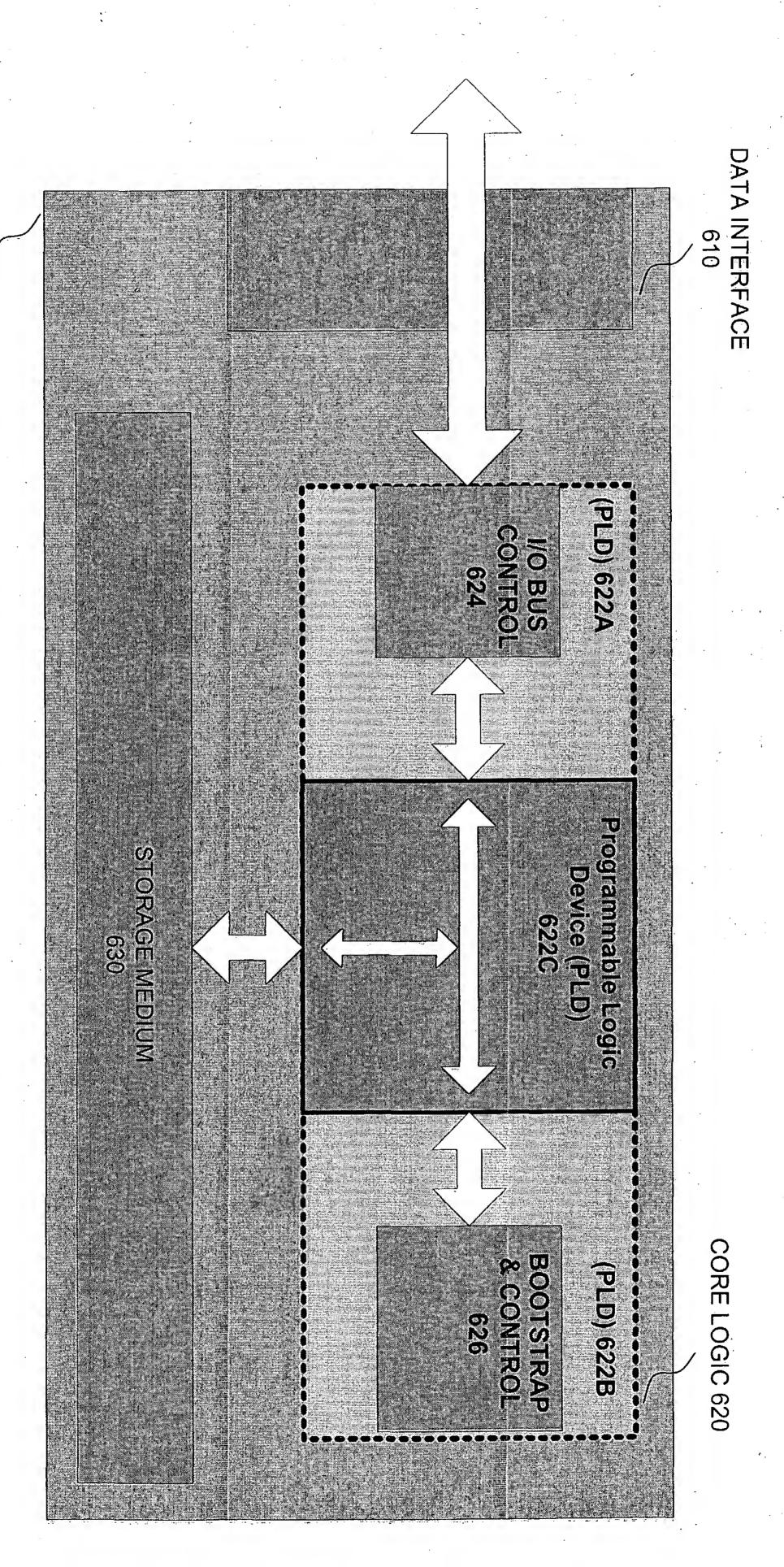


Figure 6B Logic data flow for preferred embodiments

ADAPTABLE CACHE

MEDIA SERVER 700

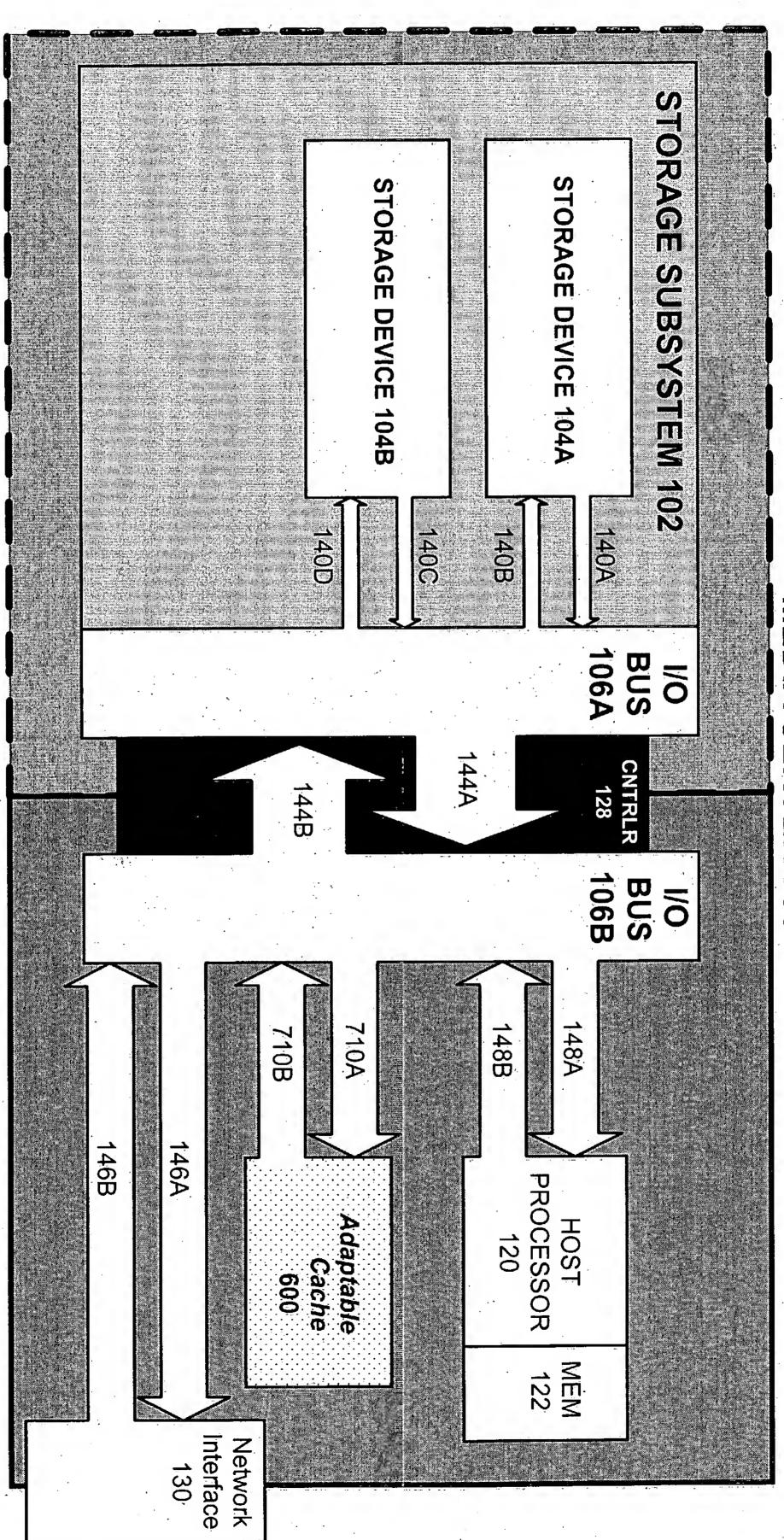


Figure 7

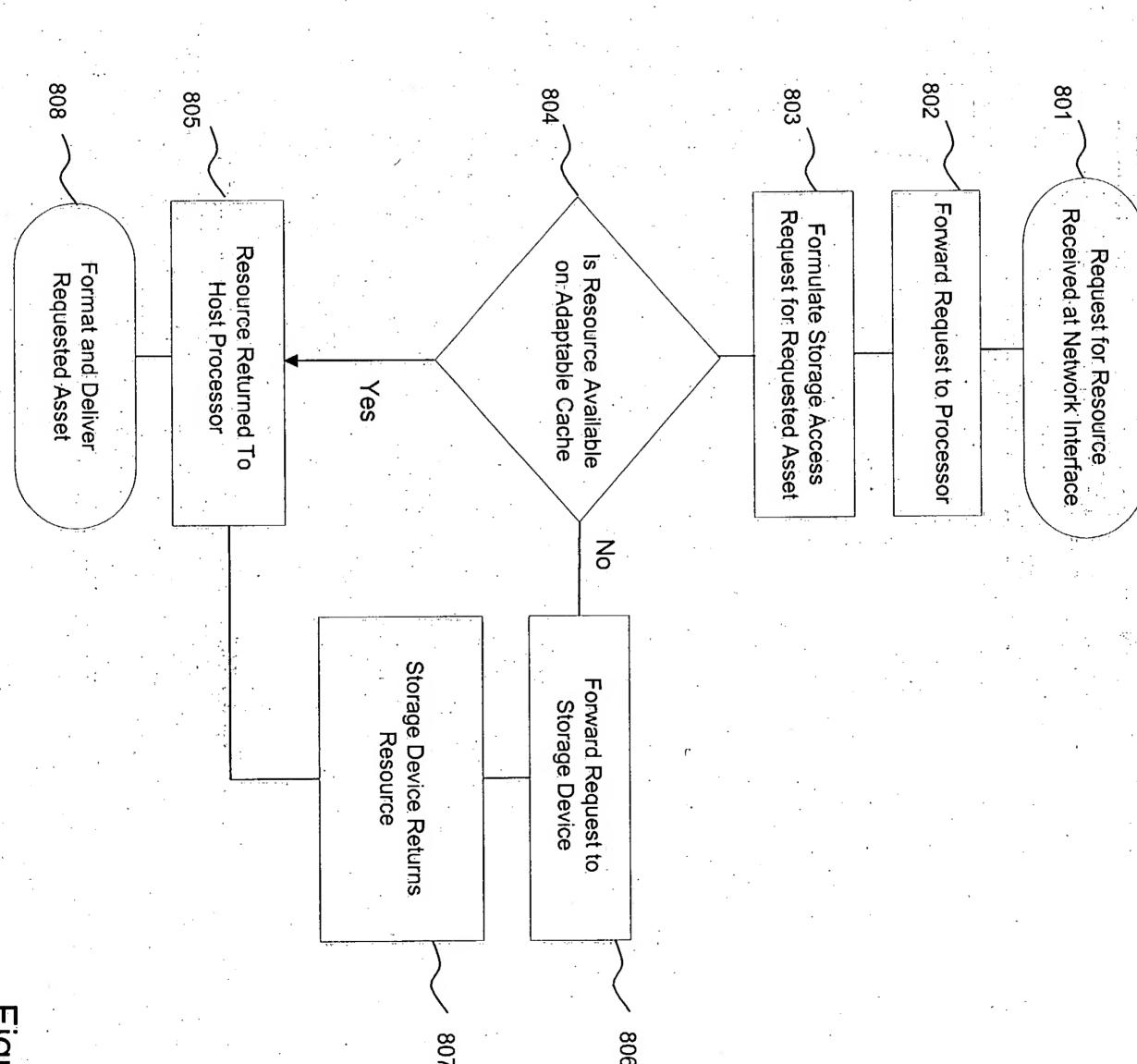
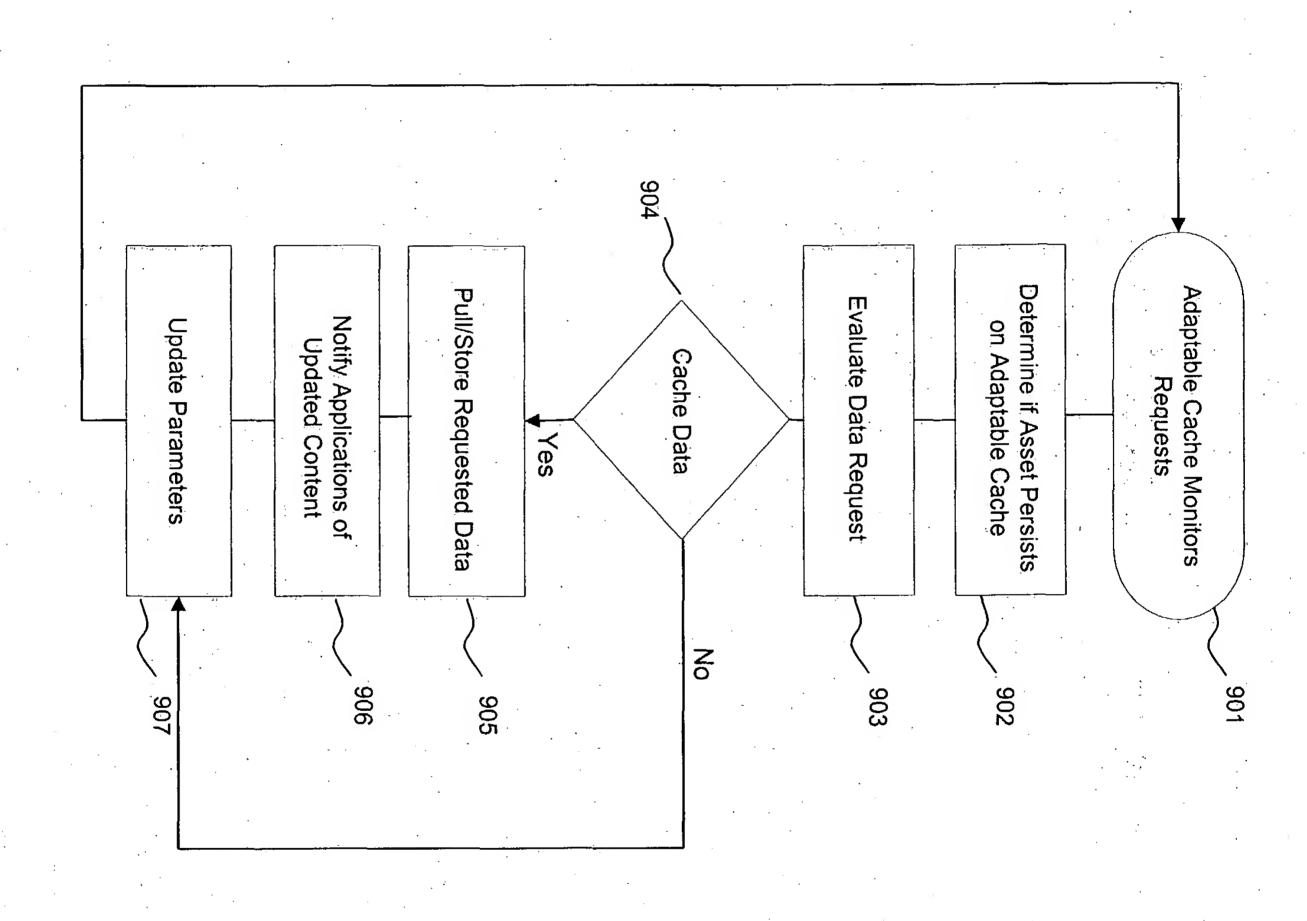


Figure 8



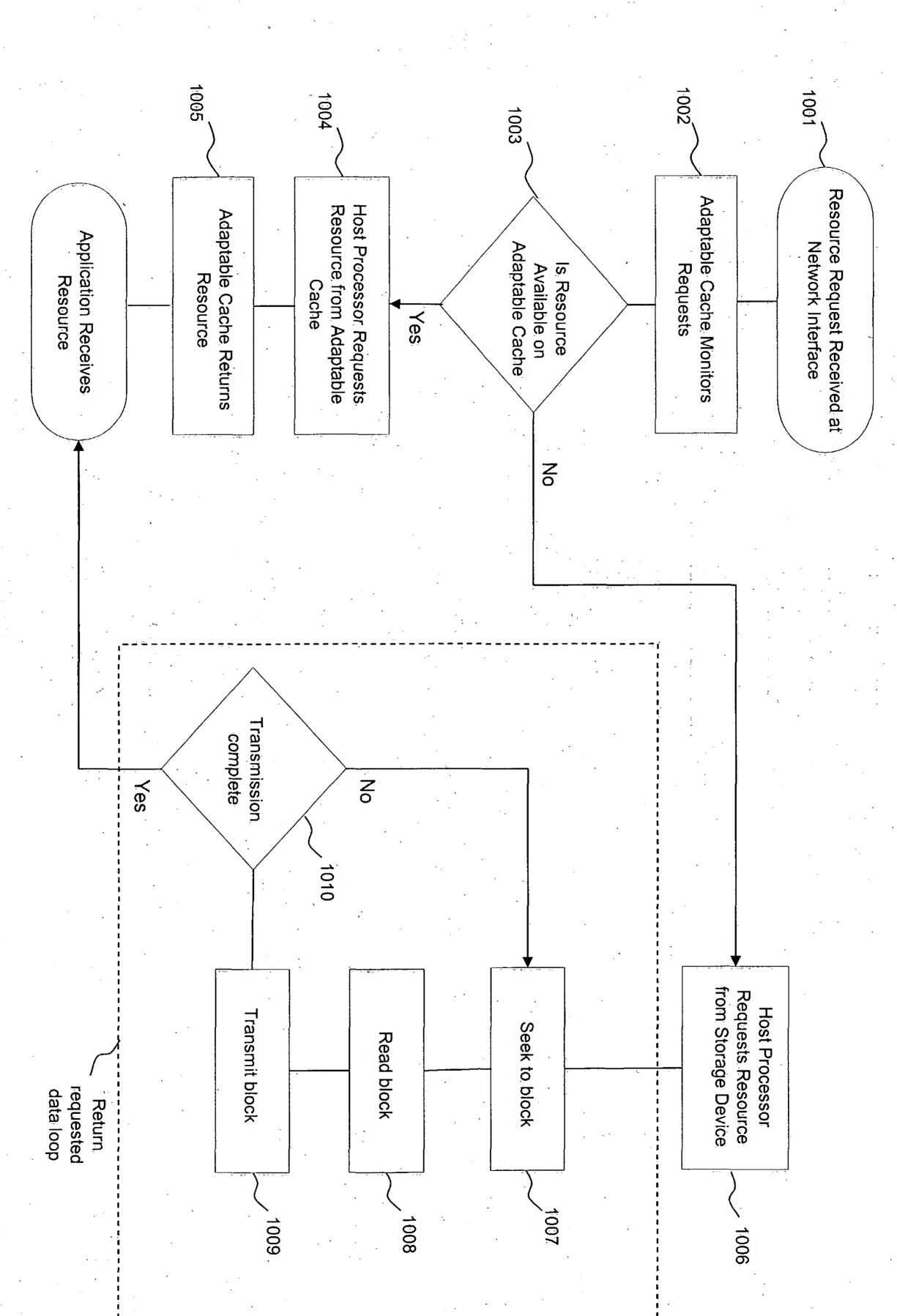


Figure 10

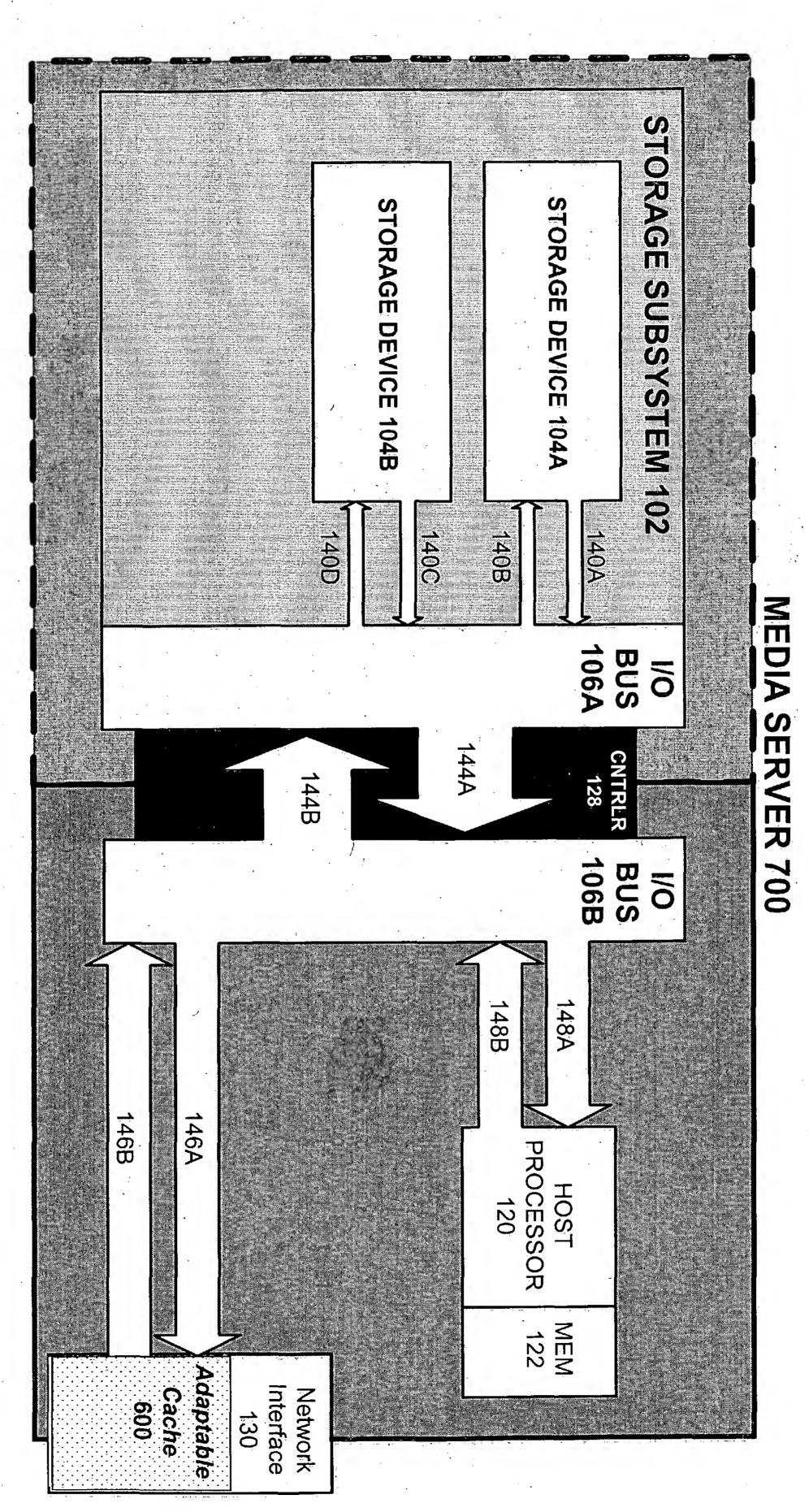


Figure 11

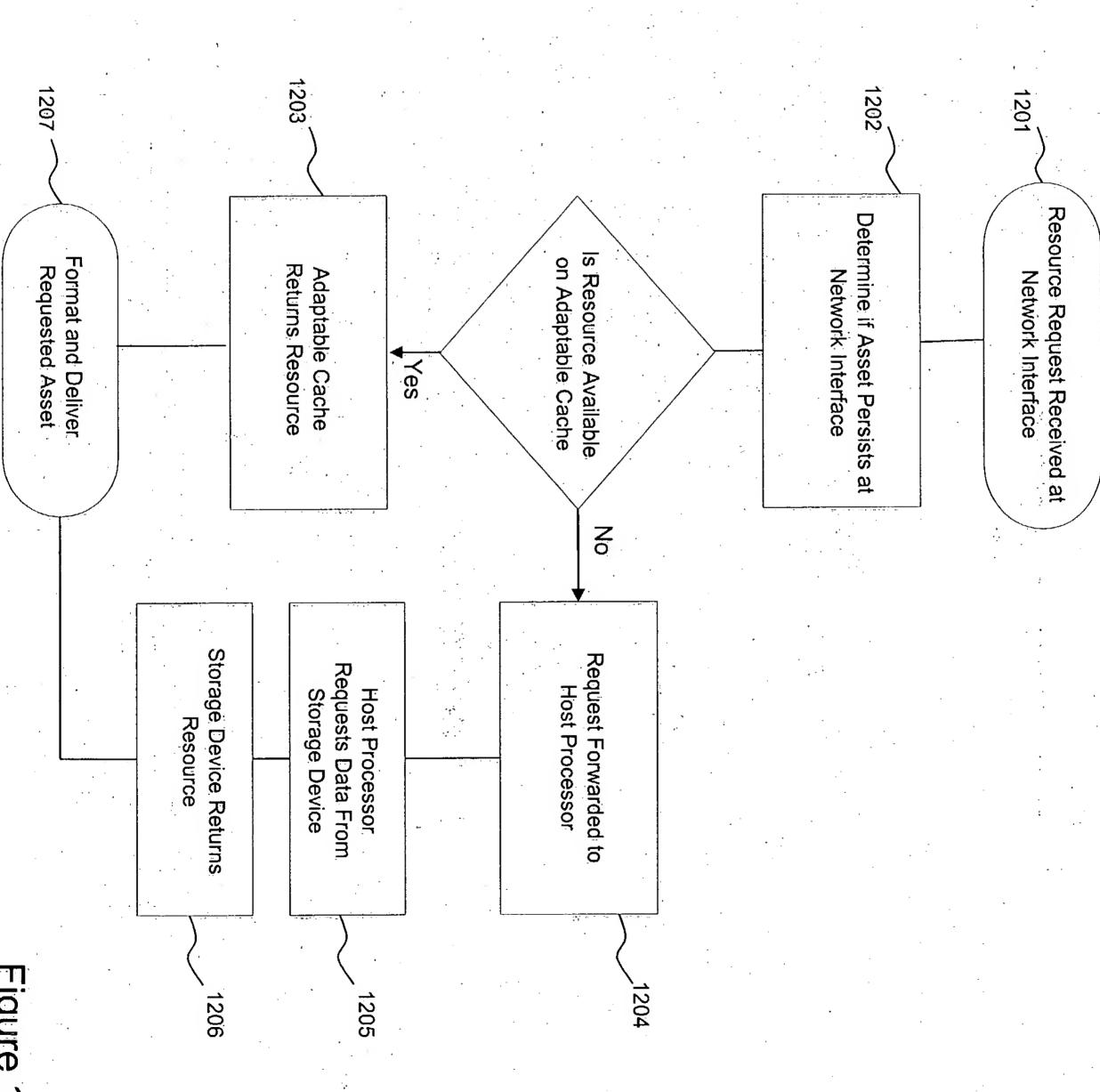


Figure 12

MEDIA SERVER 700

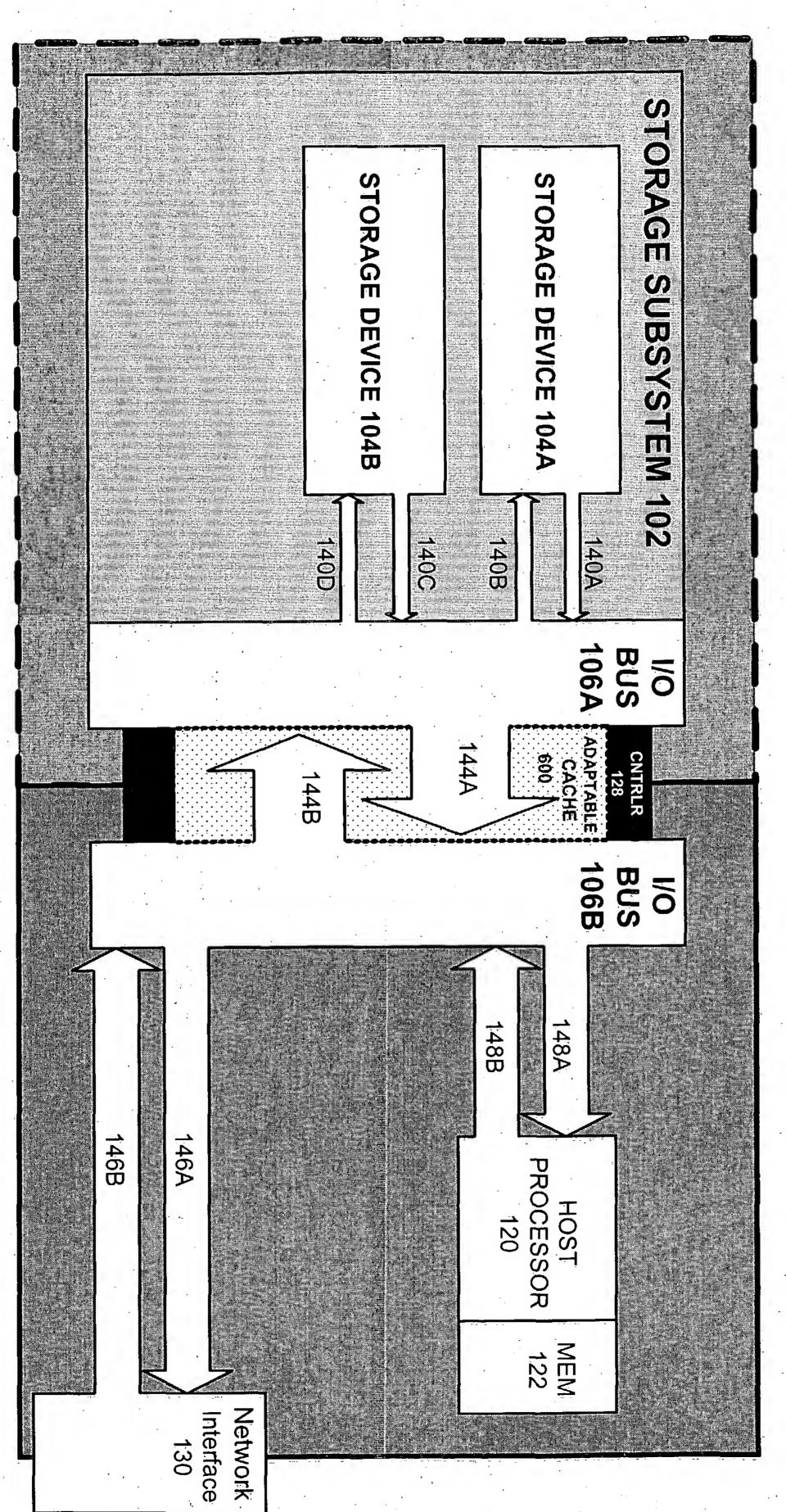
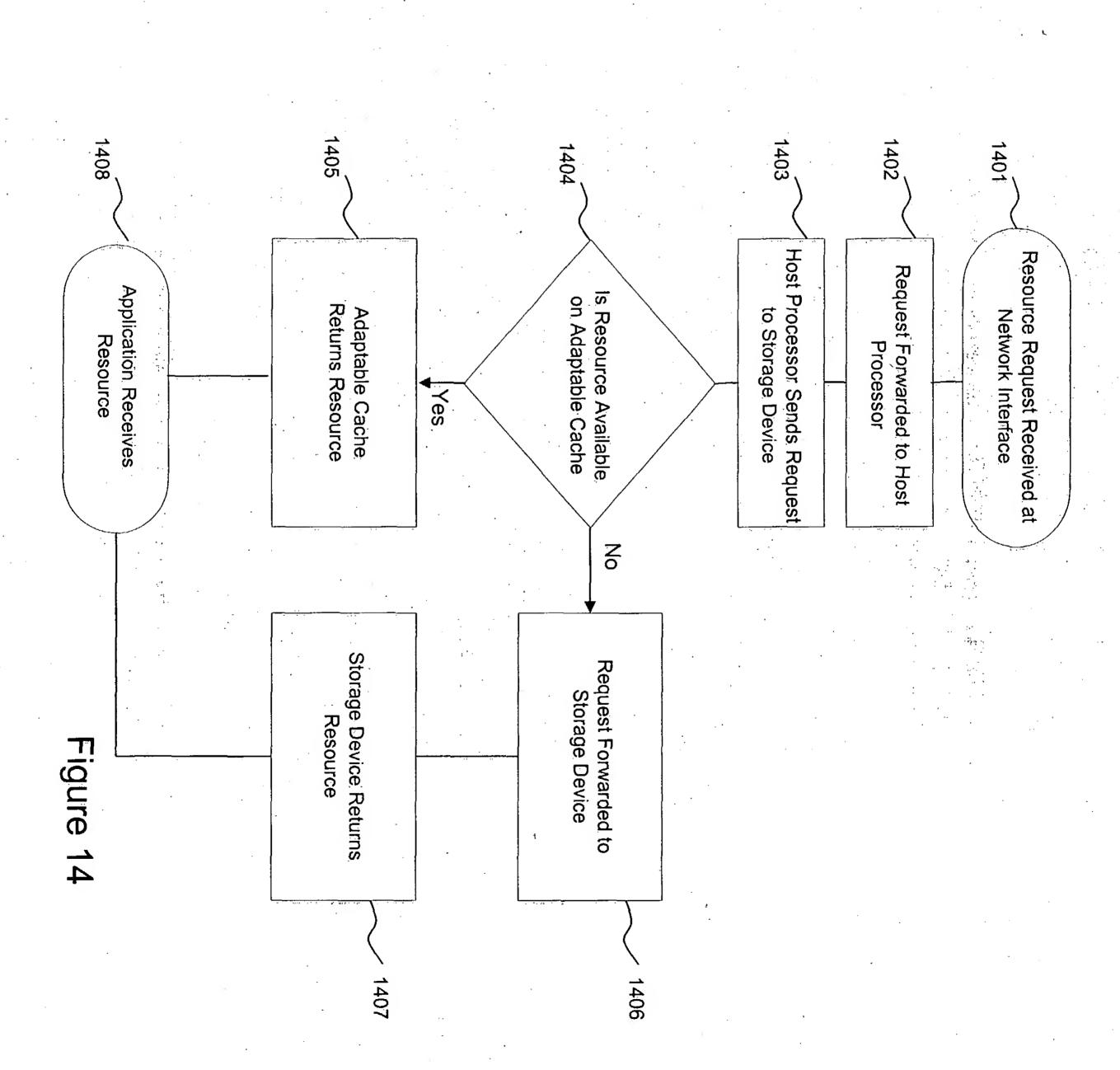


Figure 13



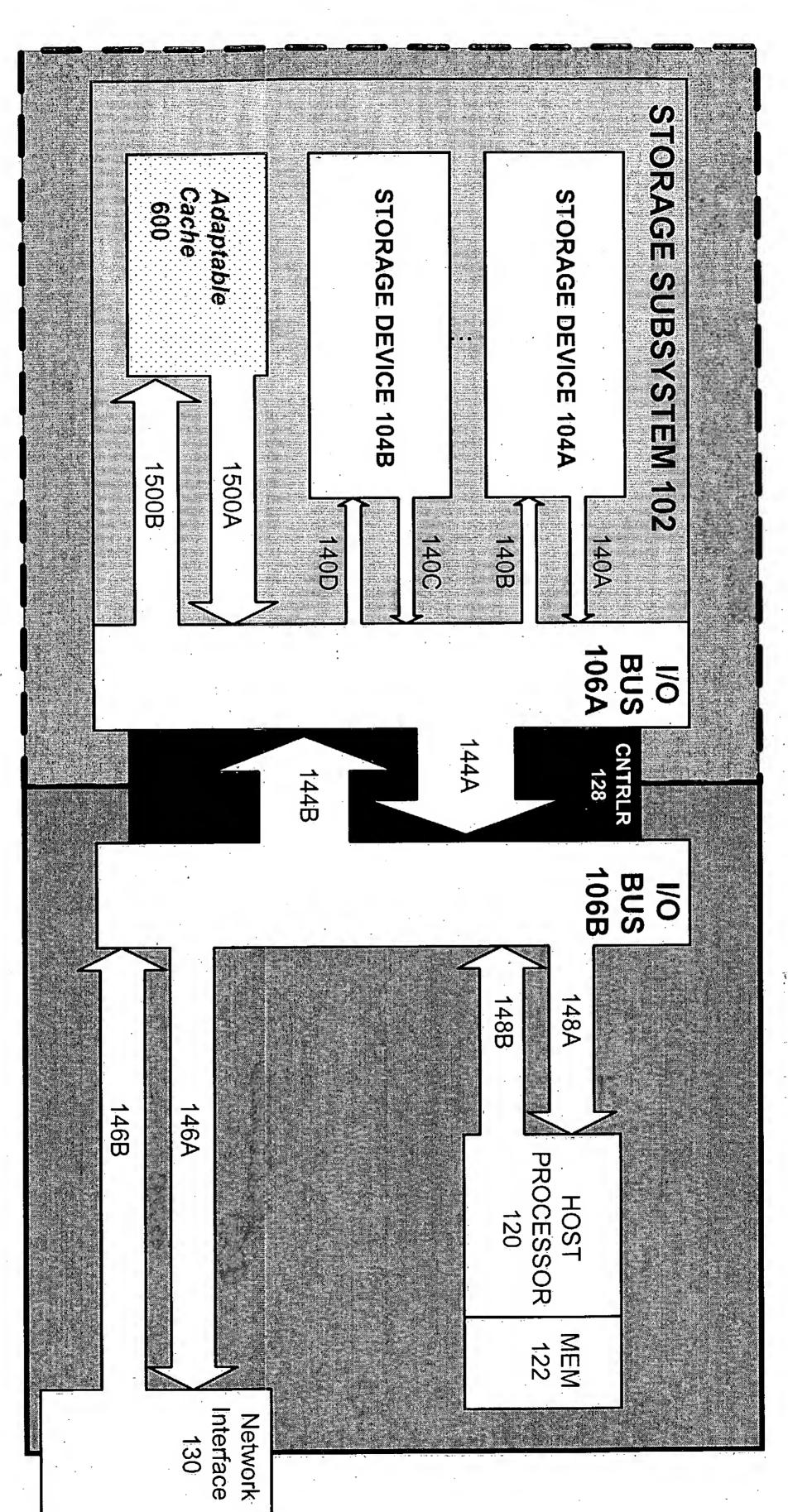


Figure 15

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